Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6574285".pn.	US-PGPUB; USPAT	OR	ON	2004/10/26 22:28
S2	5	("5493586" | "5623516" | "5774500" | "6115415" | "6373902").PN.	USPAT	OR	ON	2004/10/16 15:21
S3	620	QAM adj modulator	US-PGPUB; USPAT	OR	ON	2004/10/16 15:23
S4	189	(QAM adj modulator) and constellation	US-PGPUB; USPAT	OR	ON	2004/10/16 15:23
S5	38	((QAM adj modulator) and constellation) and nonlinear	US-PGPUB; USPAT	OR	ON	2004/10/16 15:23
S6	0	(amplifier near5 (non adj characteristic)) and constellation	US-PGPUB; USPAT	OR	ON	2004/10/22 11:54
S7	0	(amplifier same (non adj characteristic)) and constellation	US-PGPUB; USPAT	OR	ON	2004/10/22 11:57
S8	308	375/298.ccls. and modulator	US-PGPUB; USPAT	OR	ON	2004/10/27 16:37
S9	28	375/298.ccls. and modulator and (M adj ary)	US-PGPUB; USPAT	OR	ON	2004/10/22 13:22
S10	14	375/298.ccls. and modulator and amplifier and (M adj ary)	US-PGPUB; USPAT	OR	ON	2004/10/22 13:22
S11	4	375/298.ccls. and modulator and (amplifier with non adj linear) and (M adj ary)	US-PGPUB; USPAT	OR	ON	2004/10/22 12:18
S12	24	"375"/$.ccls. and modulator and (amplifier with non adj linear) and (M adj ary)	US-PGPUB; USPAT	OR	ON	2004/10/22 13:16
S13	1	"6314146".pn.	US-PGPUB; USPAT	OR	ON	2004/10/22 13:16
S14	79	375/298.ccls. and modulator and amplifier and constellation	US-PGPUB; USPAT	OR	ON	2004/10/22 16:48
S15	70	332/103.ccls. and modulator and amplifier and constellation	US-PGPUB; USPAT	OR	ON	2004/10/22 16:50
S16	15	332/103.ccls. and modulator and (amplifier same (non adj linear)) and constellation	US-PGPUB; USPAT	OR	ON	2004/10/22 16:54
S17	44	332/103.ccls. and modulator and (amplifier same (non adj linear))	US-PGPUB; USPAT	OR	ON	2004/10/22 16:59
S18	2	370/207.ccls. and modulator and (amplifier same (non adj linear))	US-PGPUB; USPAT	OR	ON	2004/10/22 17:01
S19	2	370/207.ccls. and (amplifier same (non adj linear))	US-PGPUB; USPAT	OR	ON	2004/10/22 17:22
S20	71	370/207.ccls.	US-PGPUB; USPAT	OR	ON	2004/10/22 17:23

S21	9	("3955141" | "4597090" | "4641327" | "4713817" | "4837766" | "4899367" | "5048056" | "5150381" | "5214672"). PN.	USPAT	OR	ON	2004/10/22 17:07
S22	618	375/261.ccls.	US-PGPUB; USPAT	OR	ON	2004/10/22 17:23
S23	377	375/261.ccls. and modulator	US-PGPUB; USPAT	OR	ON	2004/10/22 17:23
S24	162	375/261.ccls. and modulator and amplifier	US-PGPUB; USPAT	OR	ON	2004/10/22 17:27
S25	35	(375/261.ccls. and modulator and amplifier) and (non adj linear)	US-PGPUB; USPAT	OR	ON	2004/10/22 17:23
S26	76	375/261.ccls. and modulator and amplifier and constellation	US-PGPUB; USPAT	OR	ON	2004/10/22 17:27
S27	341	375/297.ccls.	US-PGPUB; USPAT	OR	ON	2004/10/26 13:22
S28	205	375/297.ccls. and modulator	US-PGPUB; USPAT	OR	ON	2004/10/26 13:22
S29	24	375/297.ccls. and modulator and constellation	US-PGPUB; USPAT	OR	ON	2004/10/26 13:26
S30	45	375/297.ccls. and modulator and QAM	US-PGPUB; USPAT	OR	ON	2004/10/26 13:26
S31	1	"5744991".pn.	US-PGPUB; USPAT	OR	ON	2004/10/26 22:28
S32	44	375/298.ccls. and (amplifier same (non adj linear))	US-PGPUB; USPAT	OR	ON	2004/10/27 16:44
S33	40	375/296.ccls. and (constellation adj point)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:48
S34	28	370/207.ccls. and (constellation adj point)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:49
S35	46	370/207.ccls. and (modulator)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:50
S36	4	370/207.ccls. and (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2005/11/16 14:55
S37	0	370/206.ccls. and (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:54
S38	19	370/206.ccls. and (non adj linear)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:52
S39	71	370/207.ccls.	US-PGPUB; USPAT	OR	ON	2004/10/27 16:53
S40	0	375/206.ccls. and (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:54
S41	37	"375"/$.ccls. and (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2004/10/27 16:54

S42	76	"370"/$.ccls. and ("24" near constellation) (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2005/11/16 14:56
S43	0	"370"/$.ccls. and (("24" near constellation) same (circular adj constellation))	US-PGPUB; USPAT	OR	ON	2005/11/16 14:57
S44	0	"370"/$.ccls. and (("24" near constellation) and (circular adj constellation))	US-PGPUB; USPAT	OR	ON	2005/11/16 14:57
S45	10	"370"/$.ccls. and (("24" near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/16 14:58
S46	41	"375"/$.ccls. and (("24" near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/16 15:15
S47	0	"375"/$.ccls. and ((M adj ary adj constellation) same (equal adj probabilities))	US-PGPUB; USPAT	OR	ON	2005/11/16 15:15
S48	0	"375"/$.ccls. and ((M adj ary adj PSK) same (equal adj probabilities))	US-PGPUB; USPAT	OR	ON	2005/11/16 15:16
S49	0	"375"/$.ccls. and ((M adj ary) near constellation) same (equal adj probabilities)	US-PGPUB; USPAT	OR	ON	2005/11/16 15:16
S50	0	((M adj ary) near constellation) same (equal adj probabilities)	US-PGPUB; USPAT	OR	ON	2005/11/16 15:16
S51	0	((M) near constellation) same (equal adj probabilities)	US-PGPUB; USPAT	OR	ON	2005/11/16 15:16
S52	0	((M adj ary) near constellation) same (equal adj probabilities)	US-PGPUB; USPAT	OR	ON	2005/11/16 15:17
S53	0	((M adj ary adj PSK) near constellation) same (equal adj probabilities)	US-PGPUB; USPAT	OR	ON	2005/11/16 15:17
S54	7	(M adj ary adj PSK) near constellation	US-PGPUB; USPAT	OR	ON	2005/11/16 15:18
S55	3	(concentric) near constellation	US-PGPUB; USPAT	OR	ON	2005/11/16 15:18
S56	1	("24" adj ary) near constellation	US-PGPUB; USPAT	OR	ON	2005/11/16 15:18
S57	81	"370"/207.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/19 11:23
S58	5	"370"/207.ccls. and ring	US-PGPUB; USPAT	OR	ON	2005/11/19 11:24
S59	43	"370"/$.ccls. and (constellation with ring)	US-PGPUB; USPAT	OR	ON	2005/11/19 11:26
S60	4	"370"/$.ccls. and (constellation adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/19 11:27
S61	19	("5673292").URPN.	USPAT	OR	ON	2005/11/19 11:27
S62	12	"375"/$.ccls. and (constellation adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/19 11:28

S63	0	"09883651"	US-PGPUB; USPAT	OR	ON	2005/11/19 11:28
S64	3	"09/883651"	US-PGPUB; USPAT	OR	ON	2005/11/19 11:28
S65	5	("5493586" | "5623516" | "5774500" | "6115415" | "6373902").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/19 11:30
S66	7	375/261.ccls. and (constellation near ring)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/19 11:33
S67	0	"375"/$.ccls. and ("64" with constellation near ring)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/19 11:33
S68	0	("64" with constellation near ring)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/19 11:33
S69	1	("128" with constellation near ring)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/19 11:33
S70	0	"375"/$.ccls. and ((M adj ary) near constellation near ring)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:10
S71	0	"375"/$.ccls. and ((M adj ary) with (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:10
S72	2	"375"/$.ccls. and ((M adj ary) same (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:11
S73	1	"370"/$.ccls. and ((M adj ary) same (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:11
S74	0	"370"/$.ccls. and ((M adj PSK) same (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:11
S75	0	((M adj PSK) same (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:12
S76	0	((M near PSK) same (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:16
S77	3	((PSK) with (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:16
S78	0	(("64" near PSK) with (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:16
S79	0	(("64" near PSK) same (constellation near ring))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:17
S80	7	(("64" near PSK) same (constellation))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:18
S81	54	((M adj ary) near (constellation))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:21
S82	0	((M adj ary) near (constellation) near ring)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:18
S83	3	((M adj ary) near (constellation)) and (equal adj amplitude)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:19

S84	0	((M adj ary) near (constellation) near ring)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:19
S85	193	((constellation) near mapper)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:21
S86	2	((constellation) near mapper) and ((m adj ary) near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:23
S87	4	((constellation) near mapper) and ((uniform) near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:25
S88	0	((S85 near constellation) with ("same" adj amplitude))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:26
S89	0	((S85 near constellation) with (amplitude))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:26
S90	41	((S85 near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/20 09:26
S91	14	("16" near constellation) with ("8" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:29
S92	0	("24" near constellation) with ("8" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:30
S93	279	("24" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:31
S94	0	("24" near constellation) same (constellation near ring)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:30
S95	0	("24" near constellation) same (constellation near distribut$5)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:30
S96	279	("24" near constellation) same (constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:31
S97	0	("24" near constellation) same (constellation adj mapper)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:31
S98	10	"370"/$.ccls. and ("24" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:32
S99	0	"370"/207.ccls. and ("24" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:32
S100	0	"370"/207.ccls. and (constellation near concentric)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:32
S101	0	"370"/207.ccls. and (constellation near circle)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:32
S102	0	"370"/207.ccls. and (constellation near ring)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:33
S103	3	"370"/207.ccls. and (constellation near state)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:34
S104	0	"370"/207.ccls. and (S93 near state near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:34
S105	0	"370"/$.ccls. and (S93 near state near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:34
S106	0	"375"/$.ccls. and (S93 near state near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:35

S10 7	43	"375"/$.ccls. and (M near possible near symbol)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:40
S10 8	7	"375"/$.ccls. and (M near possible near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:42
S10 9	0	"375"/$.ccls. and (M near constellation near distribution)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:41
S11 0	0	"375"/$.ccls. and (M near constellation near distrib$5)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:42
S11 1	0	"375"/$.ccls. and (M near constellation near distribute)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:42
S11 2	7	(M near possible near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:20
S11 3	1015	(M with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:42
S11 4	170	((M adj ary) with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:43
S11 5	1	((M adj ary) with constellation) same ("same" adj amplitude)	US-PGPUB; USPAT	OR	ON	2005/11/20 09:44
S11 6	29	(constellation near point) same ("same" adj amplitude)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:00
S11 7	1	"6097764".pn.	US-PGPUB; USPAT	OR	ON	2005/11/20 10:00
S11 8	20	("4500994" | "4601044" | "4980897" | "4993046" | "5233629" | "5233630" | "5363408" | "5396518" | "5408502" | "5428631" | "5442626" | "5469452" | "5511096" | "5535228" | "5621761" | "5621762" | "5633881" | "5651032" | "5790570" | "5848102").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/20 10:00
S11 9	4	("6097764").URPN.	USPAT	OR	ON	2005/11/20 10:02
S12 0	17	constellation with (concentric adj ring)	USPAT	OR	ON	2005/11/20 10:02
S12 1	1	"6674811".pn.	US-PGPUB; USPAT	OR	ON	2005/11/20 10:35
S12 2	2	("4571549" | "5237292").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/20 10:36
S12 3	26	"24" near QAM	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/20 10:37
S12 4	0	"24" near QAM near constellation	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/20 10:36
S12 5	6	"24" near PSK	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/20 10:37

S12 6	2	"375"/261.ccls. and (("24") near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:40
S12 7	2	"375"/295.ccls. and (("24") near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:41
S12 8	0	"375"/296.ccls. and (("24") near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:41
S12 9	10	"370"/$.ccls. and (("24") near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:41
S13 0	1	"375"/298.ccls. and (("24") near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:42
S13 1	16	"375"/298.ccls. and (("64") near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:44
S13 2	0	"375"/298.ccls. and (("64") near constellation) with ring	US-PGPUB; USPAT	OR	ON	2005/11/20 10:44
S13 3	0	(("64") near constellation) with ring	US-PGPUB; USPAT	OR	ON	2005/11/20 10:44
S13 4	0	(("64") near constellation) with concentric	US-PGPUB; USPAT	OR	ON	2005/11/20 10:44
S13 5	1	(("64") near constellation) same concentric	US-PGPUB; USPAT	OR	ON	2005/11/20 10:45
S13 6	2	(("64") near constellation) same ring	US-PGPUB; USPAT	OR	ON	2005/11/20 10:49
S13 7	0	(("64") near constellation) same (concentric near ring)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:50
S13 8	1	(("64") near constellation) same (concentric)	US-PGPUB; USPAT	OR	ON	2005/11/20 10:50
S13 9	91	"375"/$.ccls. and ((polar) same constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:25
S14 0	51	"375"/$.ccls. and ((polar) with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:35
S14 1	3	("24" with (polar) with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:36
S14 2	0	("24" near (polar) near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:36
S14 3	279	("24" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:36
S14 4	1	("24" near constellation) same polar	US-PGPUB; USPAT	OR	ON	2005/11/23 12:36
S14 5	1	("24" near constellation) same ring	US-PGPUB; USPAT	OR	ON	2005/11/23 12:37
S14 6	10	"370"/$.ccls. and ("24" near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:43
S14 7	1	"370"/$.ccls. and ("24" near point near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:44
S14 8	4	("24" near point near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:45

S14 9	4	"375"/$.ccls. and ("24" near point near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:47
S15 0	0	"375"/296.ccls. and ("24" near point near constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:47
S15 1	13	"375"/296.ccls. and ("24" with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:48
S15 2	1	"375"/296.ccls. and (("24" adj point) with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 12:48
S15 3	9	"375"/$.ccls. and (("24" adj point) with constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 13:25
S15 4	10	"375"/$.ccls. and (("24" adj point) same constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 13:25
S15 5	0	(("24" adj point) same (polar with constellation))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:26
S15 6	0	(("24" adj point) same (cartesian with constellation))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:26
S15 7	10	(("24" adj point) same (constellation))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:52
S15 8	114	(("32" adj point) same (constellation))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:52
S15 9	71	(("32" adj point) with (constellation))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:58
S16 0	0	((M adj ary) near (ring))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:58
S16 1	2	((M adj ary) with (ring))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:59
S16 2	0	((M adj ary) with (concentric))	US-PGPUB; USPAT	OR	ON	2005/11/23 13:59
S16 3	170	((M adj ary) with (constellation))	US-PGPUB; USPAT	OR	ON	2005/11/23 14:01
S16 4	1	S163 same (concentric)	US-PGPUB; USPAT	OR	ON	2005/11/23 14:00
S16 5	3	S163 same (inner)	US-PGPUB; USPAT	OR	ON	2005/11/23 14:00
S16 6	45	((M adj ary) with (constellation)) and circular	US-PGPUB; USPAT	OR	ON	2005/11/23 14:07
S16 7	46	"375"/$.ccls. and (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 14:13
S16 8	4	"375"/297.ccls. and (circular adj constellation)	US-PGPUB; USPAT	OR	ON	2005/11/23 14:14
S16 9	0	"375"/296.ccls. and (("24" NEAR constellation near points) same (circle or circular or concentric))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:06
S17 0	0	"375"/296.ccls. and ("24" NEAR constellation near points)	US-PGPUB; USPAT	OR	ON	2005/11/27 09:06

S17 1	3	"375"/296.ccls. and ("24" with (constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:08
S17 2	2	"375"/297.ccls. and ("24" with (constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:08
S17 3	2	"375"/297.ccls. and ("32" with (constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:46
S17 4	0	"375"/297.ccls. and ("64" with (constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:09
S17 5	0	"455"/114.3.ccls. and ("64" with (constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:09
S17 6	5	"455"/114.3.ccls. and ((constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:10
S17 7	0	"455"/114.3.ccls. and ((concentric near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:10
S17 8	0	"455"/114.3.ccls. and ((circular near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:11
S17 9	0	"455"/114.3.ccls. and ((cconcentric near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:11
S18 0	0	"455"/114.3.ccls. and (("64" near constellation))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:11
S18 1	43	"455"/114.3.ccls. and (non adj linear)	US-PGPUB; USPAT	OR	ON	2005/11/27 09:11
S18 2	2	"455"/114.3.ccls. and ((non adj linear) same (constellation adj points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:12
S18 3	0	"455"/114.3.ccls. and ((non adj linear) same ("24" with (constellation adj points)))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:12
S18 4	0	"455"/$ccls. and ((non adj linear) same ("24" with (constellation adj points)))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:12
S18 5	0	"455"/$.ccls. and ((non adj linear) same ("24" with (constellation adj points)))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:12
S18 6	0	"332"/160.ccls. and ("32" with (constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:46
S18 7	1	"332"/160.ccls. and ((constellation near points))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:46
S18 8	0	"332"/160.ccls. and ((concentric adj constellation))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:47
S18 9	0	"332"/160.ccls. and ((circular adj constellation))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:47
S19 0	79	"332"/160.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/27 09:48
S19 1	0	"332"/160.ccls. and ((closed adj loop) with training)	US-PGPUB; USPAT	OR	ON	2005/11/27 09:48

S19 2	3	"332"/160.ccls. and ((closed adj loop))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:49
S19 3	0	"332"/160.ccls. and ((disconnect near antenna))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:49
S19 4	0	"332"/160.ccls. and ((disconnect$5 near antenna))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:49
S19 5	15	"332"/160.ccls. and ((antenna))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:51
S19 6	0	"332"/$.ccls. and ((constellation adj point) same (non adj linear adj distortion))	US-PGPUB; USPAT	OR	ON	2005/11/27 09:52
S19 7	8	"375"/$.ccls. and ((constellation adj point) same (non adj linear adj distortion))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:27
S19 8	0	"37296"/$.ccls. and ("32" with (points) with (concentric adj ring))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:28
S19 9	0	"37296"/$.ccls. and ("32" with (points) same (concentric adj ring))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:28
S20 0	0	"37296"/$.ccls. and ("32" with (points))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:28
S20 1	0	"375/296"/$.ccls. and ("32" with (points) with (concentric adj ring))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:28
S20 2	0	"375/296"/$.ccls. and ("32" with (points) same (concentric adj ring))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:28
S20 3	0	"375/296"/$.ccls. and ("32" with (points))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:28
S20 4	25	"375/296".ccls. and ("32" with (points))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:29
S20 5	3	"375/296".ccls. and ("32" with (points)) and (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:31
S20 6	0	"375/297".ccls. and ("32" with (points)) and (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:31
S20 7	0	"375/$".ccls. and ("32" with (points)) and (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:31
S20 8	108	"375"/$.ccls. and ("32" with (points)) and (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:31
S20 9	13	"375"/$.ccls. and ("32" with (constellation adj points)) and (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:34
S21 0	1	"375"/$.ccls. and ("32" with (constellation adj points)) and (inner adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:34
S21 1	0	"370"/$.ccls. and ("32" with (constellation adj points)) and (inner adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:34
S21 2	0	"332"/$.ccls. and ("32" with (constellation adj points)) and (inner adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:34

S213	1	("32" with (constellation adj points)) and (inner adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:35
S214	0	("32" with (constellation adj points)) and (concentric adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:35
S215	43	("32" with (constellation adj points)) and (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:37
S216	0	("32" with (constellation adj points)) same (ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:35
S217	1	("32" with (constellation adj points)) and (three adj ring)	US-PGPUB; USPAT	OR	ON	2005/11/27 10:37
S218	91	("32" with (constellation adj points))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:37
S219	51	("32" near (constellation adj points))	US-PGPUB; USPAT	OR	ON	2005/11/27 10:37